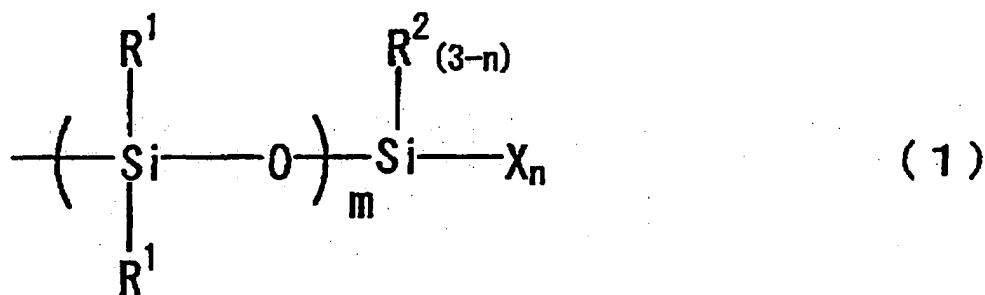


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

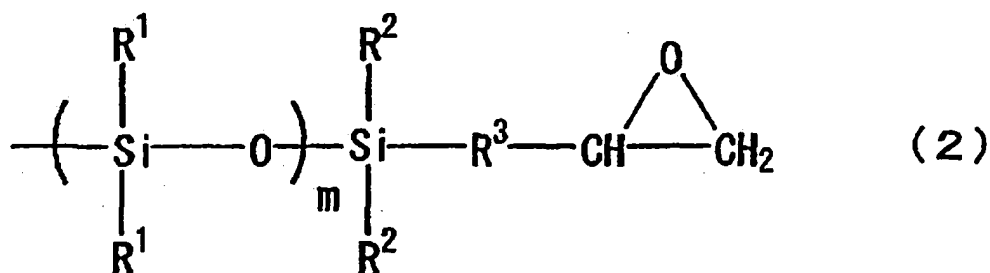
1. (currently amended): An organic polymer having an end structure expressed by general formula (1):



(wherein R¹ represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; R² represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, an alkoxy group having a carbon number in the range of 1 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; if the number of R¹s or R²s is at least two, they may be the same or different; R' represents a monovalent hydrocarbon group having a carbon number in the range of 1 to 20 and the three R's may be the same or different; X represents a monovalent organic group having an epoxy group and/or an oxetanyl group, and if the number of Xs is at least two, they may be the same or different; m represents an integer in the range of 0 to 20; and n represents an integer of 1, 2, or 3), and

wherein the main chain skeleton of the organic polymer comprises a saturated hydrocarbon polymer selected from the group consisting of polyisobutylene, hydrogenated polyisoprene, hydrogenated polybutadiene, and copolymers thereof.

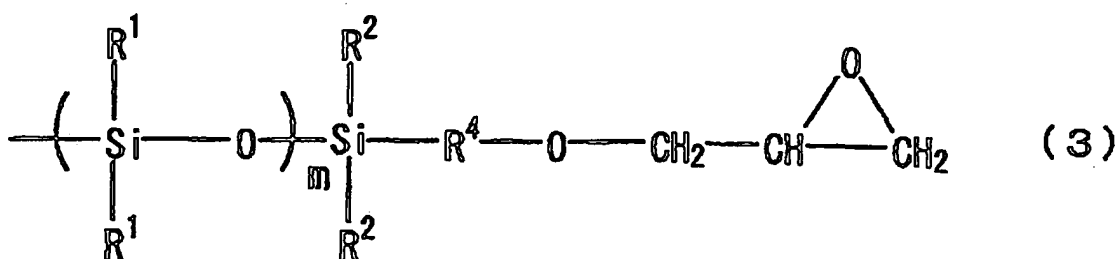
2. (currently amended): An organic polymer having an end structure expressed by general formula (2):



(wherein R¹ represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; R² represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, an alkoxy group having a carbon number in the range of 1 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; if the number of R¹'s or R²'s is at least two, they may be the same or different; R' represents a monovalent hydrocarbon group having a carbon number in the range of 1 to 20 and the three R's may be the same or different; R³ represents a divalent organic group having a carbon number in the range of 1 to 20 and containing at least one constituent atom selected from the group consisting of hydrogen, oxygen, and nitrogen; and m represents an integer in the range of 0 to 20), and

wherein the main chain skeleton of the organic polymer comprises a saturated hydrocarbon polymer selected from the group consisting of polyisobutylene, hydrogenated polyisoprene, hydrogenated polybutadiene, and copolymers thereof.

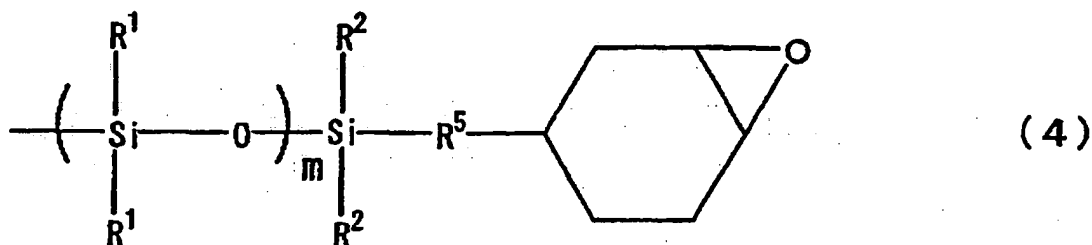
3. (currently amended): An organic polymer having an end structure expressed by general formula (3):



(wherein R¹ represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; R² represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, an alkoxy group having a carbon number in the range of 1 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; if the number of R¹'s or R²'s is at least two, they may be the same or different; R' represents a monovalent hydrocarbon group having a carbon number in the range of 1 to 20 and the three R's may be the same or different; R⁴ represents a divalent organic group having a carbon number in the range of 1 to 20 and containing at least one constituent atom selected from the group consisting of hydrogen, oxygen, and nitrogen; and m represents an integer in the range of 0 to 20), and

wherein the main chain skeleton of the organic polymer comprises a saturated hydrocarbon polymer selected from the group consisting of polyisobutylene, hydrogenated polyisoprene, hydrogenated polybutadiene, and copolymers thereof.

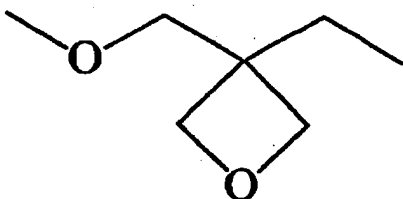
4. (currently amended): An organic polymer having an end structure expressed by general formula (4):



(wherein R¹ represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; R² represents an alkyl group having a carbon number in the range of 1 to 20, an aryl group having a carbon number in the range of 6 to 20, an aralkyl group having a carbon number in the range of 7 to 20, an alkoxy group having a carbon number in the range of 1 to 20, or a triorganosiloxy group expressed by (R')₃SiO-; if the number of R¹'s or R²'s is at least two, they may be the same or different; R¹ represents a monovalent hydrocarbon group having a carbon number in the range of 1 to 20 and the three R's may be the same or different; R⁵ represents a divalent organic group having a carbon number in the range of 1 to 20 and containing at least one constituent atom selected from the group consisting of hydrogen, oxygen, and nitrogen; and m represents an integer in the range of 0 to 20), and

wherein the main chain skeleton of the organic polymer comprises a saturated hydrocarbon polymer selected from the group consisting of polyisobutylene, hydrogenated polyisoprene, hydrogenated polybutadiene, and copolymers thereof.

5. (original): The organic polymer according to Claim 1, wherein at least one X has a structure expressed by the following formula:



6. (original): The organic polymer according to Claim 1, wherein at least one X has a structure expressed by the following formula:



7. (canceled).

8. (canceled).

9. (currently amended): The organic polymer according to claim 1 ~~any one of Claims 1 to 8~~, wherein the organic polymer is produced by an addition reaction of an organic polymer having an unsaturated group at an end thereof with a hydrosilane compound having an epoxy group and/or an oxetanyl group.

10. (currently amended): A process for producing the organic polymer as set forth in claim 1~~any one of Claims 1 to 8~~, the process comprising the step of performing an addition reaction of an organic polymer having an unsaturated group at an end thereof with a hydrosilane compound having an epoxy group and/or an oxetanyl group.

11. (currently amended): The organic polymer according to claim 1~~any one of Claims 1 to 8~~, wherein the organic polymer is produced by an exchange reaction of a hydrolyzable group between an organic polymer having a hydrolyzable silyl group at an end thereof and a compound having at least one epoxy and/or oxetanyl group and one hydroxyl group in one molecule thereof.

12. (currently amended): A process for producing the organic polymer as set forth in claim 1~~any one of Claims 1 to 8~~, the process comprising the step of performing an exchange reaction of a hydrolyzable group between an organic polymer having a hydrolyzable silyl group at an end thereof and a compound having at least one epoxy and/or oxetanyl group and one hydroxyl group in one molecule thereof.